TRANSACTION
TRANSACTION_CD
• NAME_TX
o DESCR_TX

has

for

TRANSACTION_DTL
TRANSACTION_DTL_ID
o TRANSACTION_CD_FK
o TRANSACTION_DTL_ID_RFK
• DATE_DT

RFK

subset

FIG. 1A

TRANSACTION

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TRANSACTION_CD	10	N	VARCHAR2	7	
NAME_TX	20	N	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 1B

TRANSACTION_DTL

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TRANSACTION_DTL_ID	10	N	VARCHAR2	7	
TRANSACTION_CD_FK	20	N	VARCHAR2	7	
TRANSACTION_DTL_ID_RFK	30	N	VARCHAR2	7	
DATE_TX	40	N	DATE	7	

FIG. 1C

Transaction

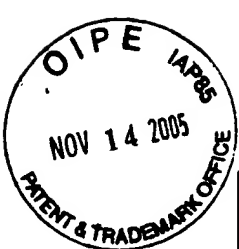| Transaction_CD	Name_TX	Descr_TX
Buy_Prod	Buy product transaction	This transaction relates to a customer buying a product.
Sell_Prod	Sell product transaction	This transaction to a vendor selling a product.

FIG. 1D

Transaction_Detail

Transaction_Dtl_ID	Transaction_CD_FK	Date_DT
1	Buy_Prod	11/01/1999
2	Buy_Prod	11/05/1999
3	Sell_Prod	11/01/1999

FIG. 1E

Fig. 2

FIG 3B

TOOL
- # TOOL_CD
- o NAME_TX
- o DESCR_TX

SYSTM
- # SYSTM_ID
- o NAME_TX
- o PASSWORD_NR
- o SCHEMA_CD
- o VERSN_NR
- o DESCR_TX

LABEL_SET
- # LABEL_SET_CD
- o NAME_TX
- o DESCR_TX

OBJ_VALUE
- # OBJ_VALUE_ID
- o VALUE_NR
- o VALUE_TX

LANG
- # LANG_CD
- o NAME_TX
- o DESCR_TX

OBJ
- # OBJ_ID
- o NAME_TX
- o DESCR_TX

VALID_TOOL
- o CREAT_BY
- o CREAT_DT

ABSTR_OBJ
- # ABSTR_OBJ_ID
- o NAME_TX
- o DESCR_TX

DEF_OBJ
- # DEF_OBJ_ID
- o NAME_TX
- o DESCR_TX

DOMAIN
- # DOMAIN_CD
- o NAME_TX
- o DEF1_TX
- o DEF1_NR
- o DEF1_DT
- o DATA_TYPE_CD
- o LNGTH_NR
- o MAX_NR
- o MIN_NR
- o PRCSN_NR
- o VALID_RULE_TX
- o DESCR_TX
- o Z_DOMAIN_CD

DEF_OBJ_ATTR
- # DEF_OBJ_ATTR_ID
- o ABST_OBJ_IDF_YN
- o NAME
- o DESCR_TX
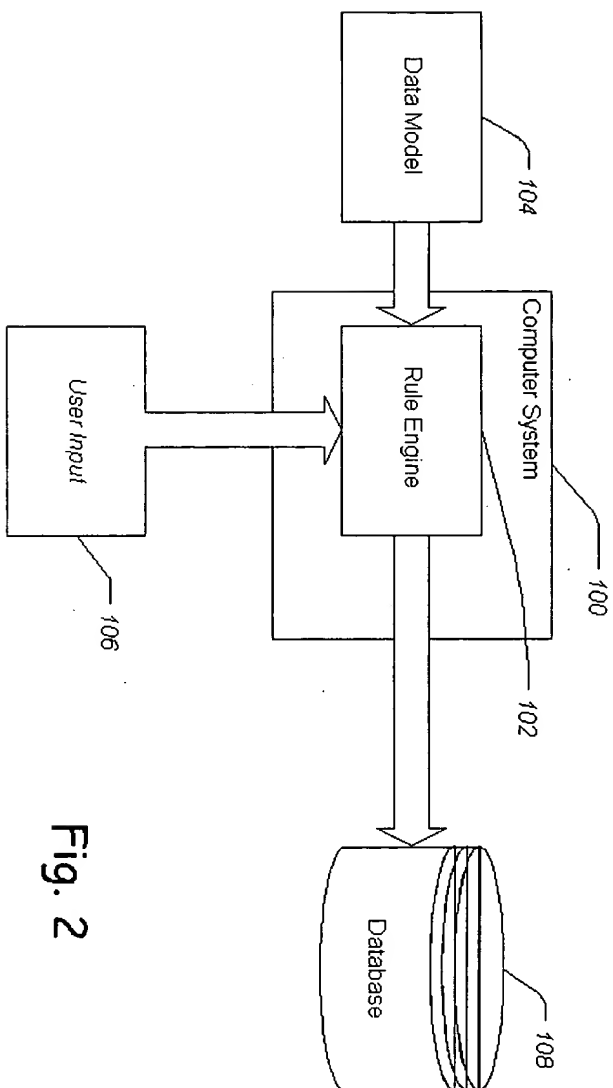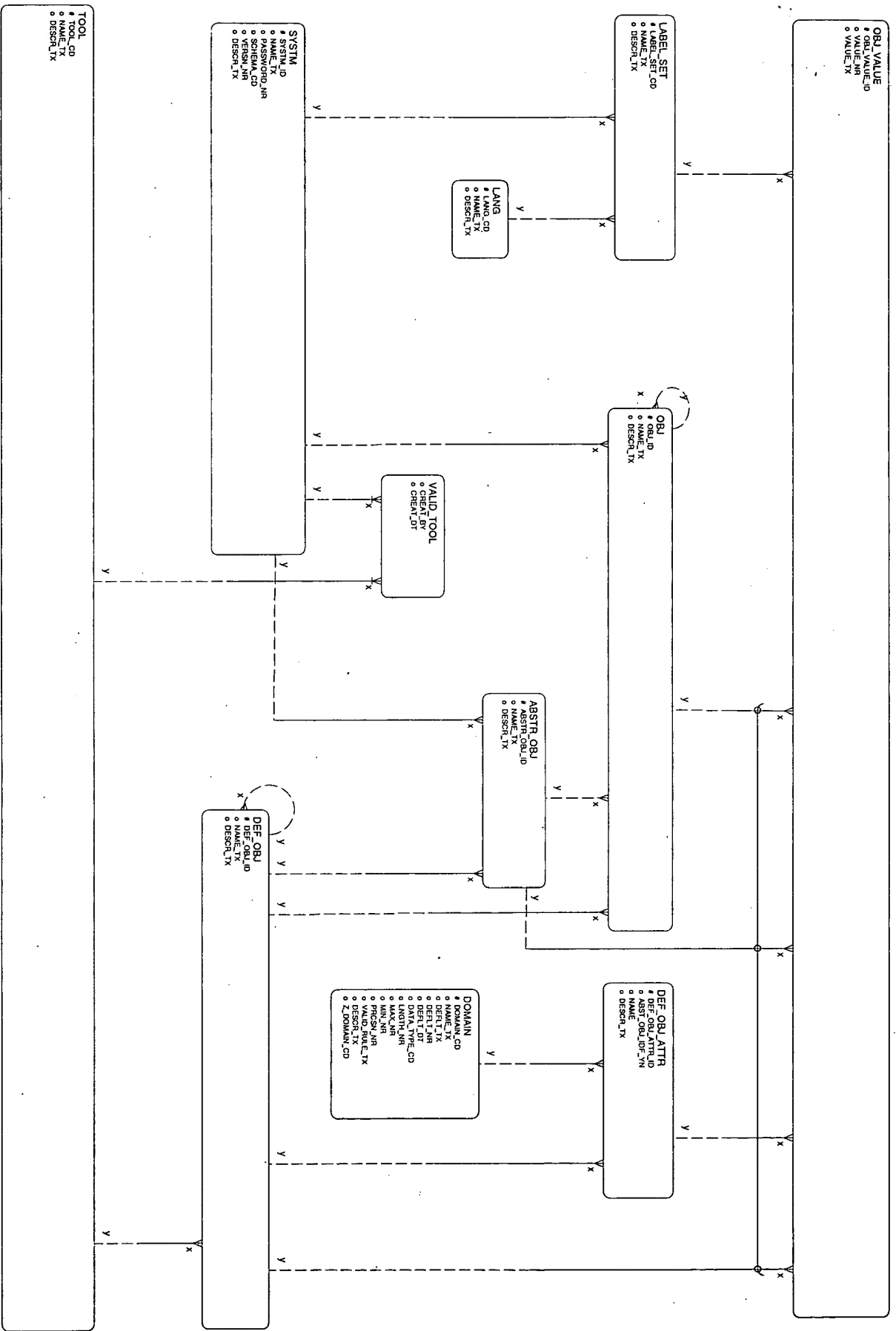
TOOL

Attribute Name	Seq.	Opt.	Format	Length	Decimal
TOOL_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4A

DEF_OBJECT

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DEF_OBJECT_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4B

SYSTM

Attribute Name	Seq.	Opt.	Format	Length	Decimal
SYSTM_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
PASSWORD_NR	30	Y	NUMBER	10	
SCHEMA_CD	40	Y	VARCHAR2	200	
VERSN_NR	50	Y	NUMBER	10	
DESCR_TX	60	Y	VARCHAR2	2000	

FIG. 4C

VALID_TOOL

OBJ

Attribute Name	Seq.	Opt.	Format	Length	Decimal
CREAT_BY	10	Y	VARCHAR2	200	
CREAT_DT	20	Y	DATE		

FIG. 4D

DOMAIN

Attribute Name	Seq.	Opt.	Format	Length	Decimal
OBJ_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4E

ABSTR_OBJ

Attribute Name	Seq.	Opt.	Format	Length	Decimal
ABSTR_OBJ_ID	10	N	NUMBER	10	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4F

LANG

Attribute Name	Seq.	Opt.	Format	Length	Decimal
LANG_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4G

LABEL_SET

Attribute Name	Seq.	Opt.	Format	Length	Decimal
LABEL_SET_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DESCR_TX	30	Y	VARCHAR2	2000	

FIG. 4H
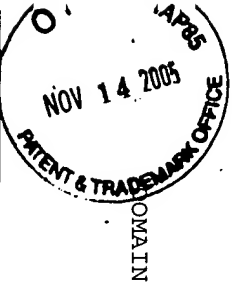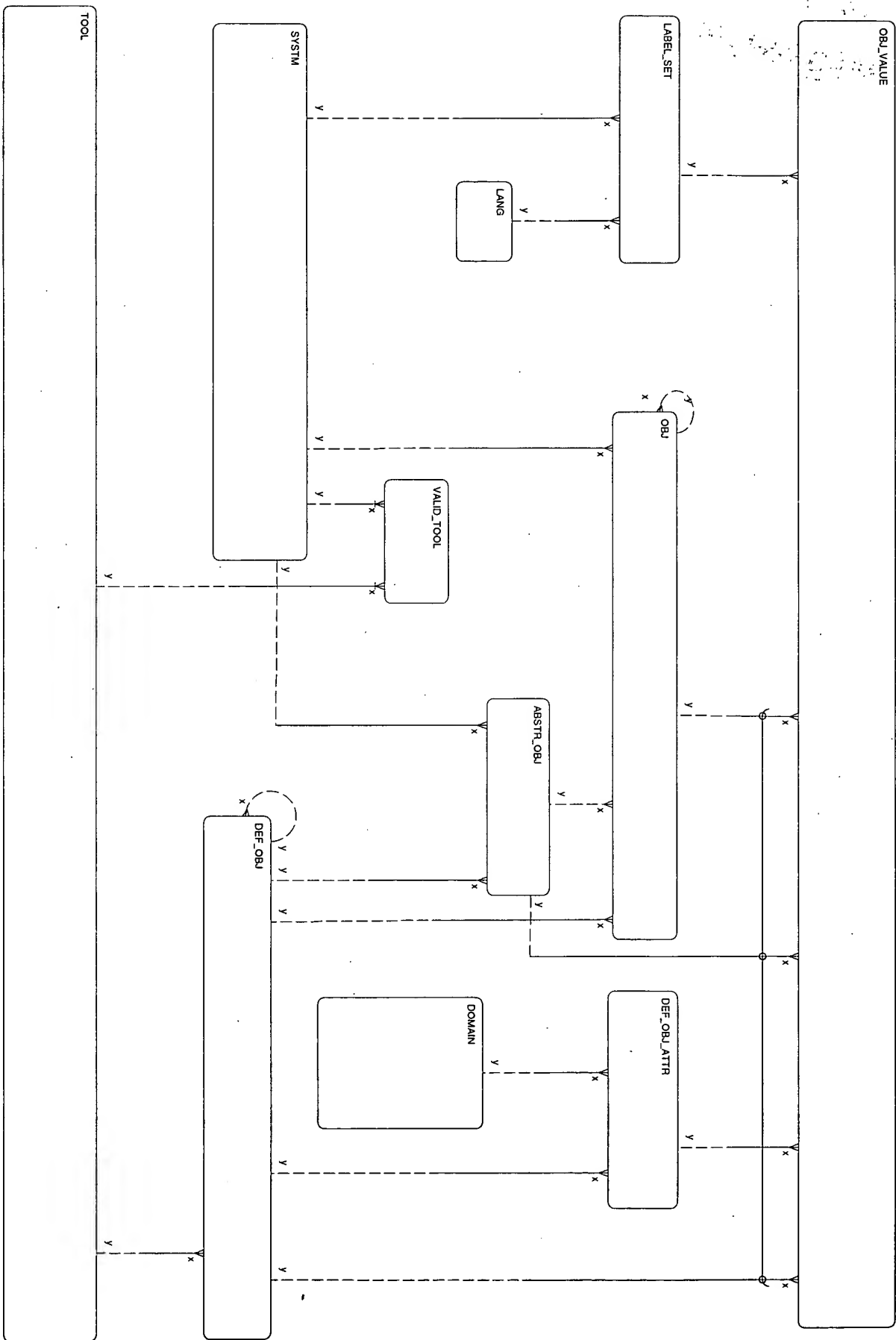
FIG. 3A

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DOMAIN_CD	10	N	VARCHAR2	200	
NAME_TX	20	Y	VARCHAR2	40	
DEFLT_TX	30	Y	VARCHAR2	200	
DEFLT_NR	40	Y	NUMBER	10	
DEFLT_DT	50	Y	DATE		
DATA_TYPE_CD	60	Y	VARCHAR2	200	
LNGTH_NR	70	Y	NUMBER	10	
MAX_NR	80	Y	NUMBER	10	
MIN_NR	90	Y	NUMBER	10	
PRCSN_NR	100	Y	NUMBER	10	
VALID_RULE_TX	110	Y	VARCHAR2	2000	
DESCR_TX	120	Y	VARCHAR2	2000	
Z_DOMAIN_CD	130	Y	VARCHAR2	200	

FIG. 4I

DEF_OBJ_ATTR

Attribute Name	Seq.	Opt.	Format	Length	Decimal
DEF_OBJ_ATTR_ID	10	N	NUMBER	10	
ABST_OBJ_IDF_YN	20	Y	VARCHAR2	1	
NAME_TX	30	Y	VARCHAR2	40	
DESCR_TX	40	Y	VARCHAR2	2000	

FIG. 4J

OBJ_VALUE

Attribute Name	Seq.	Opt.	Format	Length	Decimal
OBJ_VALUE_ID	10	N	NUMBER	10	
VALUE_NR	20	Y	NUMBER	10	
VALUE_TX	30	Y	VARCHAR2	2000	

FIG. 4K

TOOL

TOOL_CD	NAME_TX	DESCR_TX
Forms	Oracle Forms	Oracle Developers' screen application product.
Reports	Oracle Reports	Oracle Developers' report application product
SQL Server	Microsoft SQL Server	Microsoft database developers Database Management System product

FIG. 7A

DEF_OBJ

DEF_OBJ_ID	NAME_TX	DEF_OBJ_ID_RFK	TOOL_CD	DESCR_TX
354	Form		Forms	An Oracle Developer Form's form.
355	Block	354	Forms	An Oracle Developer Form's block.
356	Window	354	Forms	An Oracle Developer Form's window.
357	Canvas	356	Forms	An Oracle Developer Form's canvas.
358	Tab Page	357	Forms	An Oracle Developer Form's tab page.
359	Visual Attribute	354	Forms	An Oracle Developer Form's visual attribute.
360	Text Item	355	Forms	An Oracle Developer Form's text item.
361	Display Item	355	Forms	An Oracle Developer Form's display item.
362	Checkbox	355	Forms	An Oracle Developer Form's checkbox.
363	Button	355	Forms	An Oracle Developer Form's button.
377	Radio Group	355	Forms	An Oracle Developer Form's radio group.

FIG. 7B

SYSTM

SYSTM_ID	NAME_TX	PASSWORD_NR	SCHEMA_CD	VERSN_NR	DESCR_TX
1	Payroll System	Annbc1		3.0	This is the payroll system.
2	ABC Corp.	Wat99		2.1	This is the entire information system for ABC Corporation.
3	Marketing IS	Litn35		1.2	This is the marketing information system.

FIG. 7C

VALID_TOOL

SYSTM_ID_FK	TOOL_CD_FK	CREAT_BY	CREAT_DT
1	Forms	John Smith	January 29, 2000
2	Forms	Tom Jones	June 14, 2000
2	Reports	Tom Jones	June 14, 2000

FIG. 7D

OBJ

OBJ

OBJ_ID	NAME_TX	OBJ_ID_RFK	DEF_OBJ_ID_FK	SYSTM_ID_FK	DESCR_TX
3519	V_Gen_Party_COB_Info_Role_Tran.Activ	3515	362	2	A checkbox named V_Gen_Party_COB_Info_Role_Tran.Activ_YN
3520	Source	3373	355	2	A block named Source
3521	W_Source	3373	356	2	A window named W_Source
3522	C_Source	3521	357	2	A canvas named C_Source
3523	Source.Party_Role_ID	3520	360	2	A text item named Source.Party_Role_ID
3524	Source.Cntxt_TX	3520	360	2	A text item named Source.Cntxt_TX
3525	Source.Z_Party_CD	3520	360	2	A text item named Source.Z_Party_CD
3526	Source.Z_Rel_CD	3520	360	2	A text item named Source.Z_Rel_CD
3527	Source.Name_TX	3520	360	2	A text item named Source.Name_TX
3528	Source.RG_Source	3520	377	2	A radio group named Source.Rg_Source
3529	Source.Push_Button439	3520	363	2	A button named Source.Push_Button439
3530	Party_Drill_Down	3373	355	2	A block named Party_Drill_Down
3531	Gr_Drill_Down	3373	355	2	A block named Gr_Drill_Down
3532	COB_Reprt	3373	355	2	A block named COB_Reprt
3533	GR_Filter	3373	355	2	A block named GR_Filter
3534	V_Geogr_Reg	3373	355	2	A block named V_Geogr_Reg
3535	C_Geogr_Reg_Filter	3389	357	2	A canvas named C_Geogr_Reg_Filter
3518	V_Gen_Party_COB_Info_Role_Tran.Lang_Name_TX	3515	360	2	A text item named V_Gen_Party_COB_Info_Role_Tran.Lang_Name_TX
3508	V_Gen_Party_COB_Info_Role.Gen_Party_COB_Info_ID	3506	360	2	A text item named V_Gen_Party_COB_Info_Role.Gen_Party_COB_Info_ID
3507	STab2	3404	358	2	A tab_page named STab2
3506	V_Gen_Party_COB_Info_Role	3373	355	2	A block named V_Gen_Party_COB_Info_Role
3509	V_Gen_Party_COB_Info_Role.Var_Name_TX	3506	360	2	A text item named V_Gen_Party_COB_Info_Role.Var_Name_TX
3510	V_Gen_Party_COB_Info_Role.Stord_Value	3506	360	2	A text item named V_Gen_Party_COB_Info_Role.Stord_Value
3511	V_Gen_Party_COB_Info_Role.Lang_Name_TX	3506	360	2	A text item named V_Gen_Party_COB_Info_Role.Lang_Name_TX
3512	V_Gen_Party_COB_Info_Role.Activ_YN	3506	362	2	A checkbox named V_Gen_Party_COB_Info_Role.Activ_YN
3513	V_Gen_Party_COB_Info_Role.Pb_Lang_CD	3506	363	2	A button named V_Gen_Party_COB_Info_Role.Pb_Lang_CD
3514	V_Gen_Party_COB_Info_Role.Pb_Value	3506	363	2	A button named V_Gen_Party_COB_Info_Role.Pb_Value
3515	V_Gen_Party_COB_Info_Role.Tran	3373	355	2	A block named V_Gen_Party_COB_Info_Role.Tran
3516	V_Gen_Party_COB_Info_Role_Tran.Gen_Party_COB_Info_ID	3515	360	2	A text item named V_Gen_Party_COB_Info_Role_Tran.Gen_Party_COB_Info_ID
3517	V_Gen_Party_COB_Info_Role_Tran.Stord_Val ue	3515	360	2	A text item named V_Gen_Party_COB_Info_Role_Tran.Stord_Value
3505	V_Gen_Party_COB_Info_Trans.Activ_YN	3501	362	2	A checkbox named V_Gen_Party_COB_Info_Trans.Activ_YN

3494	V_Gen_Party_COB_Info_Party.Var_Name_TX	3491	360	2	A text item named V_Gen_Party_COB_Info_Party.Var_Name_TX
3495	V_Gen_Party_COB_Info_Party.Stord_Value	3491	360	2	A text item named V_Gen_Party_COB_Info_Party.Stord_Value
3496	V_Gen_Party_COB_Info_Party.Lang_Name_TX	3491	360	2	A text item named V_Gen_Party_COB_Info_Party.Lang_Name_TX
3497	V_Gen_Party_COB_Info_Party.Activ_YN	3491	362	2	A checkbox named V_Gen_Party_COB_Info_Party.Activ_YN
3498	V_Gen_Party_COB_Info_Party.Lang_CD	3491	363	2	A button named V_Gen_Party_COB_Info_Party.Lang_CD
3499	V_Gen_Party_COB_Info_Party.Pb_Value	3491	363	2	A button named V_Gen_Party_COB_Info_Party.Pb_Value
3500	V_Gen_Party_COB_Info_Party.Pb_2_Party_CO B_NFO_CD	3373	363	2	A button named V_Gen_Party_COB_Info_Party.Pb_2_Party_COB_NFO_CD
3501	V_Gen_Party_COB_Info_Trans	3491	355	2	A text item named V_Gen_Party_COB_Info_Trans
3502	V_Gen_Party_COB_Info_Trans.Gen_Party_COB _Info_ID	3501	360	2	A text item named V_Gen_Party_COB_Info_Trans.Gen_Party_COB_Info_ID
3503	V_Gen_Party_COB_Info_Trans.Stord_Value	3501	360	2	A text item named V_Gen_Party_COB_Info_Trans.Stord_Value
3504	V_Gen_Party_COB_Info_Trans.Lang_Name_TX	3501	360	2	A text item named V_Gen_Party_COB_Info_Trans.Lang_Name_TX
3493	V_Gen_Party_COB_Info_Party.Gen_Party_COB _Info_ID	3491	360	2	A text item named V_Gen_Party_COB_Info_Party.Gen_Party_COB_Info_ID
3573	V_Funct.Descr_TX	3563	360	2	A text item named V_Funct.Descr_TX
3574	Block_Title	3557	359	2	A visual attribute named Block_Title
3575	V_Funct.Pb_Domain_CD	3563	363	2	A button named V_Funct.Pb_Domain_CD
3576	V_Funct.Dtl	3557	355	2	A block named V_Funct_Dtl
3577	V_Funct_Dtl.Name_TX	3576	360	2	A text item named V_Funct_Dtl.Name_TX
3578	V_Funct_Dtl.DSP_Domain_CD	3576	360	2	A text item named V_Funct_Dtl.DSP_Domain_CD
3579	V_Funct_Dtl.Order_NR	3576	360	2	A text item named V_Funct_Dtl.Order_NR
3580	V_Funct_Dtl.Reqd_YN	3576	362	2	A checkbox named V_Funct_Dtl.Reqd_YN
3581	V_Funct_Dtl.May_Rpeat_YN	3576	362	2	A checkbox named V_Funct_Dtl.May_Rpeat_YN
3582	V_Funct_Dtl.Descr_TX	3576	360	2	A text item named V_Funct_Dtl.Descr_TX
3583	V_Funct_Dtl.Funct_Dtl_ID	3576	360	2	A text item named V_Funct_Dtl.Funct_Dtl_ID
3572	V_Funct.Activ_YN	3563	362	2	A checkbox named V_Funct.Activ_YN
3554	Plan_Table.ID	3539	360	2	A text item named Plan_Table.ID
3555	Plan_Table.Parent_ID	3539	360	2	A text item named Plan_Table.Parent_ID
3556	Plan_Table.Position	3539	360	2	A text item named Plan_Table.Position
3557	Function		354	2	A form named Function
3558	Stuff	3557	355	2	A block named Stuff
3559	W_Main	3557	356	2	A window named W_Main
3560	C_Main	3559	357	2	A canvas named C_Main
3561	Data_Current	3557	359	2	A visual attribute named Data_Current
3562	Stuff.Null_Item	3558	360	2	A text item named Stuff.Null_Item
3563	V_Funct	3557	355	2	A block named V_Funct
3564	Custom	3557	359	2	A visual attribute named Custom

ID	Name		Parent	Seq	Lvl	Description
3565	Data_Blue		3557	359	2	A visual attribute named Data_Blue
3566	V_Funct.Funct_ID		3563	360	2	A text item named V_Funct.Funct_ID
3567	Data_Enter		3557	359	2	A visual attribute named Data_Enter
3568	V_Funct.Name_TX		3563	360	2	A text item named V_Funct.Name_TX
3569	V_Funct.DSP_Z_Funct_CD		3563	360	2	A text item named V_Funct.DSP_Z_Funct_CD
3570	V_Funct.DSP_Domain_CD		3563	360	2	A text item named V_Funct.DSP_Domain_CD
3571	Data_Display		3557	359	2	A visual attribute named Data_Display
3553	Plan_Table.Search.Columns		3539	360	2	A text item named Plan_Table.Search_Columns
3537	V_Geogr_Reg.DSP_Z_Geogr_Reg_CD		3534	360	2	A text item named V_Geogr_Reg.DSP_Z_Geogr_Reg_CD
3538	Test_Help			354	2	A form named Test_Help
3539	Plan_Table		3538	355	2	A block named Plan_Table
3540	Window1		3538	356	2	A window named Window1
3541	Canvas2		3540	357	2	A canvas named Canvas2
3542	Plan_Table.Statement_ID		3539	360	2	A text item named Plan_Table.Statement_ID
3543	Plan_Table.Timestamp		3539	360	2	A text item named Plan_Table.Timestamp
3544	Plan_Table.Remarks		3539	360	2	A text item named Plan_Table.Remarks
3545	Plan_Table.Operation		3539	360	2	A text item named Plan_Table.Operation
3546	Plan_Table.Options		3539	360	2	A text item named Plan_Table.Options
3547	Plan_Table.Object_Node		3539	360	2	A text item named Plan_Table.Object_Node
3548	Plan_Table.Object_Owner		3539	360	2	A text item named Plan_Table.Object_Owner
3549	Plan_Table.Object_Name		3539	360	2	A text item named Plan_Table.Object_Name
3550	Plan_Table.Object_Instance		3539	360	2	A text item named Plan_Table.Object_Instance
3551	Plan_Table.Object_Type		3539	360	2	A text item named Plan_Table.Object_Type
3552	Plan_Table.Optimizer		3539	360	2	A text item named Plan_Table.Optimizer
3536	V_Geogr_Reg.Activ_YN		3534	362	2	A checkbox named V_Geogr_Reg.Activ_YN
3481	V_Party_Role_Child.Party_Role_ID		3480	360	2	A text item named V_Party_Role_Child.Party_Role_ID
3480	V_Party_Role_Child		3373	355	2	A block named V_Party_Role_Child
3482	V_Party_Role_Child.DSP_Z_Rel_CD		3480	360	2	A text item named V_Party_Role_Child.DSP_Z_Rel_CD
3483	V_Party_Role_Child.DSP_Z_Party_CD		3480	360	2	A text item named V_Party_Role_Child.DSP_Z_Party_CD
3484	V_Party_Role_Child.DSP_Party_ID		3480	360	2	A text item named V_Party_Role_Child.DSP_Party_ID
3485	V_Party_Role_Child.Start_DT		3480	360	2	A text item named V_Party_Role_Child.Start_DT
3486	V_Party_Role_Child.End_DT		3480	360	2	A text item named V_Party_Role_Child.End_DT
3487	V_Party_Role_Child.Activ_YN		3480	362	2	A checkbox named V_Party_Role_Child.Activ_YN
3488	V_Party_Role_Child.Pb_Z_Rel_CD		3480	363	2	A button named V_Party_Role_Child.Pb_Z_Rel_CD
3489	V_Party_Role_Child.Pb_Z_Party_CD		3480	363	2	A button named V_Party_Role_Child.Pb_Z_Party_CD
3490	V_Party_Role_Child.Pb_Party_ID		3480	363	2	A button named V_Party_Role_Child.Pb_Party_ID
3491	V_Gen_Party_COB_Info_Party		3373	355	2	A block named V_Gen_Party_COB_Info_Party
3492	Tab3		3396	358	2	A tab page named Tab3
3479	V_Party_Role_Parent.Pb_Z_Party_CD		3469	363	2	A button named V_Party_Role_Parent.Pb_Z_Party_CD
3465	V_Party.Activ_YN		3461	362	2	A checkbox named V_Party_Role.Activ_YN
3466	V_Party.End_DT		3461	360	2	A text item named V_Party_Role.End_DT
3467	V_Party.Persn_YN		3461	362	2	A checkbox named V_Party.Persn_YN
3468	V_Party.Order_NR		3461	360	2	A text item named V_Party.Order_NR
3469	V_Party_Role_Parent		3373	355	2	A block named V_Party_Role_Parent

ID	Name				Description
3470	Tab2	358	3396	2	A tab page named Tab2
3471	V_Party_Role_Parent.Party_Role_ID	360	3469	2	A text item named V_Party_Role_Parent.Party_Role_ID
3472	V_Party_Role_Parent.DSP_Party_Role_ID_RFK	360	3469	2	A text item named V_Party_Role_Parent.DSP_Party_Role_ID_RFK
3473	V_Party_Role_Parent.DSP_Z_Party_CD	360	3469	2	A text item named V_Party_Role_Parent.DSP_Z_Party_CD
3474	V_Party_Role_Parent.DSP_Z_Rel_CD	360	3469	2	A text item named V_Party_Role_Parent.DSP_Z_Rel_CD
3475	V_Party_Role_Parent.Activ_YN	362	3469	2	A checkbox named V_Party_Role_Parent.Activ_YN
3476	V_Party_Role_Parent.Start_DT	360	3469	2	A text item named V_Party_Role_Parent.Start_DT
3477	V_Party_Role_Parent.End_DT	360	3469	2	A text item named V_Party_Role_Parent.End_DT
3478	V_Party_Role_Parent.Pb_Cntxt_TX	363	3469	2	A button named V_Party_Role_Parent.Pb_Cntxt_TX
3464	V_Party.Start_DT	360	3461	2	A text item named V_Party.Start_DT
3448	Locator.Start_From_DT	360	3433	2	A text item named Locator.Start_From_DT
3449	Locator.Start_To_DT	360	3433	2	A text item named Locator.Start_To_DT
3450	Locator.End_From_DT	360	3433	2	A text item named Locator.End_From_DT
3451	Locator.End_To_DT	360	3433	2	A text item named Locator.End_To_DT
3452	Locator.Dsp_Geogr_Reg_ID	360	3433	2	A text item named Locator.Dsp_Geogr_Reg_ID
3453	Locator.Dsp_Z_Var_CD	360	3433	2	A text item named Locator.Dsp_Z_Var_CD
3454	Locator.Pb_Z_Doc_Var_CD	363	3433	2	A button named Locator.Pb_Z_Doc_Var_CD
3455	Locator.RAG_Persn_Org	377	3433	2	A radio group named Locator.RAG_Persn_Org
3456	Locator.RAG.Aspect_TX	377	3433	2	A radio group named Locator.RAG.Aspect_TX
3457	Locator.Pb_Z_Party_CD	363	3433	2	A button named Locator.Pb_Z_Party_CD
3458	Locator.Pb_Cntxt_TX	363	3433	2	A button named Locator.Pb_Cntxt_TX
3459	Locator.Pb_z_Rel_CD	363	3433	2	A button named Locator.Pb_z_Rel_CD
3460	Locator.Pb_Geogr_Reg_ID	363	3433	2	A button named Locator.Pb_Geogr_Reg_ID
3447	Locator.DSP_Z_Rel_CD	360	3433	2	A text item named Locator.DSP_Z_Rel_CD
3461	V_Party	355	3373	2	A block named V_Party
3462	V_Party.Party_ID	360	3461	2	A text item named V_Party.Party_ID
3463	V_Party.Name_TX	360	3461	2	A text item named V_Party.Name_TX
3431	Party_Filter_Result.Name_TX	360	3429	2	A text item named Party_Filter_Result.Name_TX
3432	Party_Filter_Result.Activ_YN	362	3429	2	A checkbox named Party_Filter_Result.Activ_YN
3433	Locator	355	3373	2	A block named Locator
3434	Locator.Party_ID	360	3433	2	A text item named Locator.Party_ID
3435	Start_End_NR	357	3395	2	A canvas named Start_End_NR
3436	Locator.From_NR	360	3433	2	A text item named Locator.From_NR
3437	Start_End_DT	357	3395	2	A canvas named Start_End_DT
3438	Locator.From_DT	360	3433	2	A text item named Locator.From_DT
3439	Locator.To_NR	360	3433	2	A text item named Locator.To_NR
3440	Locator.To_DT	360	3433	2	A text item named Locator.To_DT
3441	Locator.DSP_Party_Role_ID_RFK	360	3433	2	A text item named Locator.DSP_Party_Role_ID_RFK
3430	Party_Filter_Result.Party_ID	360	3429	2	A text item named Party_Filter_Result.Party_ID
3442	Locator.DSP_Z_Party_CD	360	3433	2	A text item named Locator.DSP_Z_Party_CD
3443	Locator.Var_Val_TX	360	3433	2	A text item named Locator.Var_Val_TX
3444	Locator.DSP_Party_ID	360	3433	2	A text item named Locator.DSP_Party_ID

3445	Locator.FED_Tax_ID_	3433	360	2	A text item named Locator.FED_Tax_ID_
3446	Locator.Legcy_NR	3433	360	2	A text item named Locator.Legcy_NR
3414	Party_Role.Party_Role_ID	3413	360	2	A text item named Party_Role.Party_Role_ID
3415	Party_Role.Cntxt_TX	3413	360	2	A text item named Party_Role.Cntxt_TX
3416	Party_Role.DSP_Z_Rel_CD	3413	360	2	A text item named Party_Role.DSP_Z_Rel_CD
3417	Party_Role.DSP_Z_Party_CD	3413	360	2	A text item named Party_Role.DSP_Z_Party_CD
3418	Party_Role.DSP_Party_ID	3413	360	2	A text item named Party_Role.DSP_Party_ID
3419	PR_Locator	3373	355	2	A block named PR_Locator
3420	Data_Enter	3373	359	2	A visual attribute named Data_Enter
3421	PR_Locator.Name	3419	360	2	A text item named PR_Locator.Name
3422	PR_Locator.Party_Role_ID	3419	360	2	A text item named PR_Locator.Party_Role_ID
3423	PR_Locator.DSP_Z_Party_CD	3419	360	2	A text item named PR_Locator.DSP_Z_Party_CD
3424	Party_Filter	3373	355	2	A block named Party_Filter
3425	C_Party_Filter	3384	357	2	A canvas named C_Party_Filter
3426	Party_Filter.Party_ID	3424	360	2	A text item named Party_Filter.Party_ID
3413	Party_Role	3373	355	2	A block named Party_Role
3427	Party_Filter.DSP_Party_ID	3424	360	2	A text item named Party_Filter.DSP_Party_ID
3428	Party_Filter.DSP_Z_Party_CD	3424	360	2	A text item named Party_Filter.DSP_Z_Party_CD
3429	Party_Filter_Result	3373	355	2	A block named Party_Filter_Result
3394	Stuff.Pb_Start_Over	3374	363	2	A button named Stuff.Pb_Start_Over
3395	W_Main	3373	356	2	A window named W_Main
3396	C_Tab	3395	357	2	A canvas named C_Tab
3397	Tab4	3396	358	2	A tab page named Tab4
3398	Stuff.Party_Cntxt	3374	360	2	A text item named Stuff.Party_Cntxt
3399	Stuff.Pb_Party_Cntxt	3374	363	2	A button named Stuff.Pb_Party_Cntxt
3400	Tab1	3396	358	2	A tab page named Tab1
3401	Data_Display	3373	359	2	A visual attribute named Data_Display
3402	Stuff.Incld_Inactiv	3374	362	2	A checkbox named Stuff.Incld_Inactiv
3403	Stuff.Result	3374	362	2	A checkbox named Stuff.Result
3404	C_Subtab	3395	357	2	A canvas named C_Subtab
3405	STab1	3404	358	2	A tab page named STab1
3406	Stuff.Subtab_Null_Item	3374	360	2	A text item named Stuff.Subtab_Null_Item
3407	Stuff.Tab_Null_Item	3374	360	2	A text item named Stuff.Tab_Null_Item
3393	Stuff.Pb_Gr_Quit	3374	363	2	A button named Stuff.Pb_Gr_Quit
3408	Data_Current	3373	359	2	A visual attribute named Data_Current
3409	Stuff.Null_Item	3374	360	2	A text item named Stuff.Null_Item
3410	C_Main	3395	357	2	A canvas named C_Main
3411	Data_Blue	3373	359	2	A visual attribute named Data_Blue
3412	Stuff.Headr_TX	3374	361	2	A display item named Stuff.Headr_TX
3374	Stuff	3373	355	2	A block named Stuff
3373	Party_111		354	2	A form named Party_111
3375	W_Pick	3373	356	2	A window named W_Pick
3376	C_Pick	3375	357	2	A canvas named C_Pick
3377	Custom	3373	359	2	A visual attribute named Custom
3378	Block_Title	3373	359	2	A visual attribute named Block_Title
3379	Stuff.Pb_Back	3374	363	2	A button named Stuff.Pb_Back

3380	C_Tb_Pick		3375	357	2	A canvas named C_Tb_Pick
3381	Stuff.Pb_Pr_Filter		3374	363	2	A button named Stuff.Pb_Pr_Filter
3382	Stuff.Pb_Pr_Quit		3374	363	2	A button named Stuff.Pb_Pr_Quit
3383	Stuff.Pb_Pr_Pick		3374	363	2	A button named Stuff.Pb_Pr_Pick
3384	W_Party_Filter		3373	356	2	A window named W_Party_Filter
3385	C_Tb_Party_Filter		3384	357	2	A canvas named C_Tb_Party_Filter
3386	Stuff.Pb_Party_Filter		3374	363	2	A button named Stuff.Pb_Party_Filter
3387	Stuff.Pb_Party_Quit		3374	363	2	A button named Stuff.Pb_Party_Quit
3388	Stuff.Pb_Party_Pick		3374	363	2	A button named Stuff.Pb_Party_Pick
3389	W_Geogr_Reg_Filter		3373	356	2	A window named W_Geogr_Reg_Filter
3390	C_TB_Geogr_Reg		3389	357	2	A canvas named C_TB_Geogr_Reg
3391	Stuff.Pb_Gr_Pick		3374	363	2	A button named Stuff.Pb_Gr_Pick
3392	Stuff.Pb_Gr_Filter		3374	363	2	A button named Stuff.Pb_Gr_Filter

FIG. 7E

ABSTR_OBJ

ABST_OBJ_ID	SYSTM_ID_FK	DEF_OBJ_ID_FK	NAME_TX	DESCR_TX
1	2	354		
2	2	355		
3	2	355		

FIG. 7F

LANG

LANG_CD	NAME_TX	DESCR_TX
English	English	
French	French	
German	German	

FIG. 7G

LABEL_SET

LABEL_SET_CD	NAME_TX	LANG_CD_FK	SYSTM_ID_FK	DESCR_TX
ABC_Eng	ABC Corp. - English	English	1	The payroll system with English labels.
ABC_Fr	ABC Corp. - French	French	1	The payroll system with French labels.
ABC-Grm	ABC Corp. - German	German	1	The payroll system with German labels.

FIG. 7H

DOMAIN

DOMAIN_CD	NAME_TX	DEFLT_TX	DEFLT_NR	DATA_TYPE_CD	LNGTH_NR	DEFLT_DT	PRCSN_NR	MIN_NR	MAX_NR	VALID_RULE_TX	DESCR_TX	Z_DOMAIN_CD
1	Money	Money		Number	10							
2	Small Amount			Number	6		2					

FIG. 7I

DEF_OBJ_ATTR

DEF_OBJ_ATT R_ID	NAME	DEF_OBJ_ID _FK	ABST_OBJ_IDF_ YN	DOMAIN_CD_FK	DESCR_TX
431	Visual Attribute	357	Y	Char	Visual attribute for a canvas.
432	Label	358	Y	Char	Label for a tab page.
433	Prompt Text	360	Y	Char	Prompt text for text item.
434	Label	362	Y	Char	Label for a checkbox.
435	Label	363	Y	Char	Label for a button.
430	Title	356	Y	Char	Title for a window.
436	Hint Text	360	Y	Char	Hint text for a text item.
437	Tooltip Text	360	Y	Char	Tooltip text for a text item.
438	Hint Text	361	Y	Char	Hint text for a display item.
439	Tooltip Text	361	Y	Char	Tooltip text for a display item.
440	Hint Text	362	Y	Char	Hint text for a checkbox.
441	Tooltip Text	362	Y	Char	Tooltip text for a checkbox.
442	Hint Text	363	Y	Char	Hint text for a button.
443	Tooltip Text	363	Y	Char	Tooltip text for a button.

FIG. 7J

OBJ_VALUE

OBJ_VALUE_ID	VALUE_TX	VALUE_NR	DEF_OBJ_ID_FK	OBJ_ID_FK	LABEL_SET_CD_FK	DEF_OBJ_ATTR_ID_FK	ABSTR_OB J_ID_FK
2284	Default		357	3376	ABC_Eng	431	
2285	Back		363	3379	ABC_Eng	442	
2286	Back		363	3379	ABC_Eng	435	
2287	Default		357	3380	ABC_Eng	431	
2288	Filter		363	3381	ABC_Eng	442	
2283	W_Pick		356	3375	ABC_Eng	430	
2289	Filter		363	3381	ABC_Eng	443	
2290	Quit		363	3382	ABC_Eng	442	
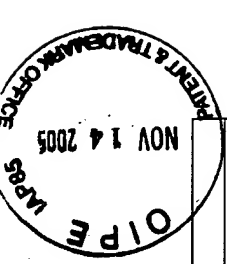
2291	Quit	363	3382	ABC_Eng	443
2292	Pick Context	363	3383	ABC_Eng	442
2293	Pick Context	363	3383	ABC_Eng	443
2294	W_Party_Filter	356	3384	ABC_Eng	430
2296	Filter	363	3386	ABC_Eng	442
2297	Filter	363	3386	ABC_Eng	443
2298	Quit	363	3387	ABC_Eng	442
2300	Pick Context	363	3388	ABC_Eng	442
2301	Pick Context	363	3388	ABC_Eng	443
2302	W_Geogr_Reg_Filter	356	3389	ABC_Eng	430
2304	Pick Context	363	3391	ABC_Eng	442
2305	Pick Context	363	3391	ABC_Eng	443
2306	Filter	363	3392	ABC_Eng	442
2308	Quit	363	3393	ABC_Eng	442
2309	Quit	363	3393	ABC_Eng	443
2311	Quit	363	3394	ABC_Eng	443
2312	Party Maintenance	356	3395	ABC_Eng	430
2401	U	363	3513	ABC_Eng	435
2404	Value	360	3517	ABC_Eng	433
2408	ID	360	3523	ABC_Eng	433
2416	Window1	356	3540	ABC_Eng	430
2417	Default	357	3541	ABC_Eng	431
2418	Statement ID	360	3542	ABC_Eng	433
2419	Timestamp	360	3543	ABC_Eng	433
2420	Remarks	360	3544	ABC_Eng	433
2421	Operation	360	3545	ABC_Eng	433
2422	Options	360	3546	ABC_Eng	433
2423	Object	360	3547	ABC_Eng	433

	Node						
2424	Object Owner	360	3548	ABC_Eng	433		
2425	Object Name	360	3549	ABC_Eng	433		
2426	Object Instance	360	3550	ABC_Eng	433		
2427	Object Type	360	3551	ABC_Eng	433		
2428	Optimizer	360	3552	ABC_Eng	433		
2429	Search Columns	360	3553	ABC_Eng	433		
2430	ID	360	3554	ABC_Eng	433		
2431	Parent ID	360	3555	ABC_Eng	433		
2432	Position	360	3556	ABC_Eng	433		
2433	Function Maintenance	356	3559	ABC_Eng	430		
2434	Custom	357	3560	ABC_Eng	431		
2396	Party Role Info	358	3507	ABC_Eng	432		
2411	Association	360	3526	ABC_Eng	433		
2412	Name	360	3527	ABC_Eng	433		
2413	Quit	363	3529	ABC_Eng	435		
2414	Default	357	3535	ABC_Eng	431		
2415	Type	360	3537	ABC_Eng	433		
2295	Default	357	3385	ABC_Eng	431		
2299	Quit	363	3387	ABC_Eng	433		
2303	Default	357	3390	ABC_Eng	431		
2307	Filter	363	3392	ABC_Eng	443		
2310	Start Over	363	3394	ABC_Eng	442		
2326	Type	360	3417	ABC_Eng	433		
2330	Type	360	3423	ABC_Eng	433		
2334	Role	360	3428	ABC_Eng	433		
2337	ID	360	3434	ABC_Eng	433		
2341	From	360	3438	ABC_Eng	433		
2344	Context	360	3441	ABC_Eng	433		
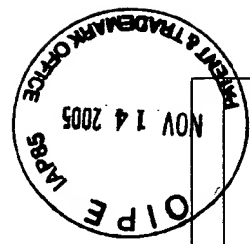
2360	U	363	3459	ABC_Eng	435
2363	Name	360	3463	ABC_Eng	433
2367	Party Role	358	3470	ABC_Eng	432
2371	Relation	360	3474	ABC_Eng	433
2375	U	363	3479	ABC_Eng	435
2389	Lang	360	3496	ABC_Eng	433
2393	ID	360	3502	ABC_Eng	433
2410	Role	360	3525	ABC_Eng	433
2378	Type	360	3483	ABC_Eng	433
2379	Source	360	3484	ABC_Eng	433
2380	Start DT	360	3485	ABC_Eng	433
2381	End DT	360	3486	ABC_Eng	433
2382	U	363	3488	ABC_Eng	435
2383	U	363	3489	ABC_Eng	435
2384	U	363	3490	ABC_Eng	435
2385	Party Info	358	3492	ABC_Eng	432
2386	ID	360	3493	ABC_Eng	433
2387	Var	360	3494	ABC_Eng	433
2388	Value	360	3495	ABC_Eng	433
2390	U	363	3498	ABC_Eng	435
2391	U	363	3499	ABC_Eng	435
2392	U	363	3500	ABC_Eng	435
2394	Value	360	3503	ABC_Eng	433
2395	Lang	360	3504	ABC_Eng	433
2397	ID	360	3508	ABC_Eng	433
2398	Var	360	3509	ABC_Eng	433
2399	Value	360	3510	ABC_Eng	433
2400	Lang	360	3511	ABC_Eng	433
2402	u	363	3514	ABC_Eng	435
2403	ID	360	3516	ABC_Eng	433
2405	Lang	360	3518	ABC_Eng	433
2406	W_Source	356	3521	ABC_Eng	430
2407	Custom	357	3522	ABC_Eng	431
2377	Relation	360	3482	ABC_Eng	433
2409	Context	360	3524	ABC_Eng	433
2346	TX	360	3443	ABC_Eng	433
2347	Name	360	3444	ABC_Eng	433
2348	EIN	360	3445	ABC_Eng	433
2349	Legcy	360	3446	ABC_Eng	433

2350	Rel Type	360	ABC_Eng	3447	433
2351	Start From	360	ABC_Eng	3448	433
2352	To	360	ABC_Eng	3449	433
2353	End From	360	ABC_Eng	3450	433
2354	To	360	ABC_Eng	3451	433
2355	Name	360	ABC_Eng	3452	433
2356	Name	360	ABC_Eng	3453	433
2357	U	363	ABC_Eng	3454	435
2358	U	363	ABC_Eng	3457	435
2359	U	363	ABC_Eng	3458	435
2361	U	363	ABC_Eng	3460	435
2362	ID	360	ABC_Eng	3462	433
2364	Start DT	360	ABC_Eng	3464	433
2365	End DT	360	ABC_Eng	3466	433
2366	Ord Num	360	ABC_Eng	3468	433
2368	ID	360	ABC_Eng	3471	433
2369	Context	360	ABC_Eng	3472	433
2370	Type	360	ABC_Eng	3473	433
2372	Start DT	360	ABC_Eng	3476	433
2373	End DT	360	ABC_Eng	3477	433
2374	U	363	ABC_Eng	3478	435
2345	Type	360	ABC_Eng	3442	435
2376	ID	360	ABC_Eng	3481	433
2436	Name	360	ABC_Eng	3568	433
2437	Type	360	ABC_Eng	3569	433
2438	Domain	360	ABC_Eng	3570	433
2439	Descr	360	ABC_Eng	3573	433
2440	U	363	ABC_Eng	3575	435
2441	Name	360	ABC_Eng	3577	433
2442	Domain	360	ABC_Eng	3578	433
2443	Order	360	ABC_Eng	3579	433
2444	Descr	360	ABC_Eng	3582	433
2445	ID	360	ABC_Eng	3583	433
2435	IDD	360	ABC_Eng	3566	433
2314	Child Role	358	ABC_Eng	3397	432
2315	Cntxt	360	ABC_Eng	3398	433
2316	U	363	ABC_Eng	3399	435
2317	Locator	358	ABC_Eng	3400	432
2318	Check_Bo	362	ABC_Eng	3402	434

2319	x159				
2320	Check_Bo x159	362	3403	ABC_Eng	434
2321	Custom	357	3404	ABC_Eng	431
2322	Sub Role	358	3405	ABC_Eng	432
2323	Custom	357	3410	ABC_Eng	431
2324	ID	360	3414	ABC_Eng	433
2325	Context	360	3415	ABC_Eng	433
2327	Relation	360	3416	ABC_Eng	433
2328	Source	360	3418	ABC_Eng	433
2329	Name	360	3421	ABC_Eng	433
2331	ID	360	3422	ABC_Eng	433
2332	Default	357	3425	ABC_Eng	431
2333	ID	360	3426	ABC_Eng	433
2335	Name	360	3427	ABC_Eng	433
2336	ID	360	3430	ABC_Eng	433
2313	Name	360	3431	ABC_Eng	433
2338	Custom	357	3396	ABC_Eng	431
2339	Default	357	3435	ABC_Eng	431
2340	From	360	3436	ABC_Eng	433
2342	Default	357	3437	ABC_Eng	431
2343	To	360	3439	ABC_Eng	433
	To	360	3440	ABC_Eng	433

FIG. 7K